(19)

KOREAN INTELLECTUAL PROPERTY OFFICE

KOREAN PATENT ABSTRACTS

(11)Publication number:

20010106025 A

(43) Date of publication of application: 29.11.2001

(21)Application number:

(22)Date of filing:

20000027278

20.05.2000

(71)Applicant:

KOREA ADVANCED INSTITUTE OF SCIENCE AND

TECHNOLOGY

(72)Inventor:

DO, JIN HWAN

JANG, HO NAM LEE, SANG YEOP

TAKURNAGENDRANARAYAN

(51)Int. CI

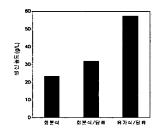
C12P 13/14

(54) PROCESS FOR PRODUCING HIGH CONCENTRATION POLYGLUTAMIC ACID USING ADDITIONAL PROVISION OF SUGARS

(57) Abstract:

PURPOSE: A process for producing high concentration polyglutamic acid using additional provision of sugars is provided, thereby economically mass-producing polyglutamic acid.

CONSTITUTION: The process for producing high concentration polyglutamic acid comprises the steps of fed-batch fermenting Bacillus sp. bacteria in a medium containing glycerol, citric acid and glutamic acid, and additionally providing sugars to maintain the concentration of sugar in the medium to 2 to 3 g/l during the fed-batch fermentation. Where, Bacillus sp. is Bacillus licheniformis (ATCC 9945A).



© KIPO 2002

Legal Status

Date of request for an examination (20000520) Final disposal of an application (registration) Date of final disposal of an application (20020828) Patent registration number (1003634340000) Date of registration (20021120)